

Abstract of the Disclosure

Toner transfer in an imaging device having a developer roller (5) that applies toner to a photoconductive roller 7 is determined by counting pels (38) and by counting operating cycles (56). Additionally in the embodiment, various device factors such as, 5 for example, darkness setting and type of toner, are also applied to the totals. An adjustment factor, stored in a toner cartridge memory, is originally substantially one and may be adjusted based on subsequent knowledge or observations of the results. A page count of pages imaged is also used independently as a second basis for amount of toner transferred.